



Temporary Permit

Permit No: TP-0011

Date Issued: February 2009

This certifies that:

Augusta Fiberglass Coatings, Inc.
86 Lake Cynthia Road
Blackville, SC 29817

DRAFT

has been granted a Temporary Permit for:

Fiberglass Reinforced Plastic Production Process

at the following facility and location:

Public Service of New Hampshire
97 River Road
Bow, NH 03304

Facility ID Number: **3301390543**

Application Number: **08-0473**, received October 13, 2008

which includes devices that emit air pollutants into the ambient air as set forth in the permit application referenced above, filed with the New Hampshire Department of Environmental Services, Air Resources Division (Division) in accordance with RSA 125-C of the New Hampshire Laws. Request for permit renewal is due to the Division at least 90 days prior to expiration of this permit and must be accompanied by the appropriate permit application forms.

This permit is valid upon issuance and expires on **To be determined**

Director
Air Resources Division

Abbreviations and Acronyms

AAL	Ambient Air Limit
acf	actual cubic foot
ags	above ground surface
ASTM	American Society of Testing and Materials
Btu	British thermal units
CAS	Chemical Abstracts Service
cfm	cubic feet per minute
CFR	Code of Federal Regulations
CO	Carbon Monoxide
DER	Discrete Emission Reduction
DES	New Hampshire Department of Environmental Services
Env-A	New Hampshire Code of Administrative Rules – Air Resources Division
ERC	Emission Reduction Credit
ft	foot or feet
ft ³	cubic feet
gal	gallon
HAP	Hazardous Air Pollutant
hp	horsepower
hr	hour
kW	kilowatt
lb	pound
LPG	Liquefied Petroleum Gas
MM	million
MSDS	Material Safety Data Sheet
MW	megawatt
NAAQS	National Ambient Air Quality Standard
NG	Natural Gas
NO _x	Oxides of Nitrogen
NSPS	New Source Performance Standard
PM ₁₀	Particulate Matter < 10 microns
ppm	parts per million
psi	pounds per square inch
RACT	Reasonably Available Control Technology
RSA	Revised Statutes Annotated
RTAP	Regulated Toxic Air Pollutant
scf	standard cubic foot
SO ₂	Sulfur Dioxide
TSP	Total Suspended Particulate
tpy	tons per consecutive 12-month period
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound

I. Facility Description

Augusta Fiberglass Coatings Inc., (the Facility) submitted a permit application for the construction of a temporary facility to produce corrosion- resistant fiberglass reinforced plastic stack liner. The stack liner will be manufactured through a non-continuous progression of winding, chopping, and hand lay-up involving fiberglass strand and a styrene-based resin. The Facility will be located on property owned by the Public Service of New Hampshire in Bow, which is a major source of Hazardous Air Pollutants (HAPs), and is therefore required to obtain an air permit.

II. Emission Unit Identification

This permit covers the devices identified in Table 1:

Table 1 - Emission Unit Identification			
Emission Unit ID	Process Identification	Install Date	Maximum Design Capacity
EU01	Mechanical non-atomized spray gun	TBD	150 pounds per hour
	Filament winding		215 pounds per hour
	Manual hand lay-up		NA
EU02	Resin storage tank	TBD	10,000 gallon storage capacity, above ground

III. Operating and Emission Limitations

The Owner or Operator shall be subject to the operating and emission limitations identified in Table 2 below.

Table 2 - Operating and Emission Limitations			
Item #	Applicable Requirement	Applicable Emission Unit	Regulatory Citation
1.	<p><u>24-hour and Annual Ambient Air Limit</u></p> <p>The emissions of any Regulated Toxic Air Pollutant (RTAP) shall not cause an exceedance of its associated 24-hour or annual Ambient Air Limit (AAL) as set forth in Env-A 1450.01, <i>Table Containing the List Naming All Regulated Toxic Air Pollutants</i>.</p> <p>Compliance was demonstrated at the time of permit issuance as described in the Division's Application Review Summary for application 08-0473. The source must update the compliance demonstration using one of the methods provided in Env-A 1405 if:</p> <ul style="list-style-type: none"> a.) There is a revision to the list of RTAPs lowering the AAL for any RTAP emitted at the facility; b.) The amount of any RTAP emitted is greater than the amount that was evaluated in the Application Review Summary (e.g., use of a raw material will increase); or c.) An RTAP that was not evaluated in the Application Review Summary will be emitted (e.g., a new raw material will be used). 	Facility Wide ¹	Env-A 1400

¹ The use of the term "Facility Wide" in this Permit refers only to those process and devices owned and operated by Augusta Fiberglass Coatings, Inc.

Table 2 - Operating and Emission Limitations

Item #	Applicable Requirement	Applicable Emission Unit	Regulatory Citation
2.	<u>Revisions of the List of RTAPs</u> In accordance with RSA 125-I:5, IV, if DES revises the list of RTAPs or their respective AALs or classifications under RSA 125-I:4, II and III, and as a result of such revision the Owner or Operator is required to obtain or modify the permit under the provisions of RSA 125-I or RSA 125-C, the Owner or Operator shall have 90 days following publication of notice of such final revision in the New Hampshire Rulemaking Register to file a complete application for such permit or permit modification.	Facility Wide	RSA 125-I:5 IV
3.	<u>Facility-Wide VOC Emission Limitation</u> Facility-wide emissions of VOCs shall be limited to less than 10 tpy in any consecutive 12-month period. ²	Facility Wide	Env-A 604.02(a)(1)
4.	<u>Visible Emission Standards</u> The average opacity shall not exceed 20 percent for any continuous 6-minute period. ³	EU01	Env-A 2103.02
5.	<u>Maximum Annual Resin Use</u> The annual resin use rates shall not exceed the following ⁴ : a.) Mechanical non-atomized spray gun – 28,750 lb/yr; b.) Filament winding – 57,500 lb/yr; and c.) Manual hand lay-up – 28,750 lb/yr	EU01	Env-A 604.02(b)
6.	<u>Organic HAP Emission Limits</u> The organic HAP emissions for the open molding process where the facility emits less than 100 tons per year of HAP from the combination of all reinforced plastic composite processes combined must meet one of the following at all times: a.) The organic HAP emission limits for corrosion-resistant and/or high strength (CR/HS) products of: 1.) Mechanical resin application - 113 pounds HAP per ton resin; 2.) Filament application - 171 lb HAP per ton resin; and 3.) Manual resin application - 123 lb HAP per ton resin; OR b.) Percent weight of organic HAP in resin and gel coat used in CR/HS materials production: 1.) Non-atomized mechanical: i) Filament application - 46.4% ii) Manual resin application - 46.4% 2.) Manual filament application - 42.0%	EU01	40 CFR 63.5805(c)

² The Facility has the potential to emit VOC at levels greater than the NSR applicability threshold of 25 tpy. The annual emission limit in Table 2-3 is less than this threshold. This also establishes the Facility as a synthetic minor source of air pollution for VOCs.

³ Compliance with visible emission limitations shall be determined using 40 CFR 60, Appendix A, Method 9, upon request by DES.

⁴ Maximum resin usage corresponds to the total amount required to produce one fiberglass reinforced plastic stack liner at the desired diameter and height. These maximum resin usage rates limit potential HAP emissions to less than the major source threshold of 10 tpy for any individual HAP and 25 tpy for all HAP combined, and establishes the Facility as a synthetic minor source of air pollution for HAP.

Table 2 - Operating and Emission Limitations

Item #	Applicable Requirement	Applicable Emission Unit	Regulatory Citation
7.	<p><u>Work practice Standards for Open Molding Operations</u></p> <p>The following work practice standards must be met at all times:</p> <p>a.) Cleaning Operations:</p> <ol style="list-style-type: none"> 1.) Must not use HAP containing cleaning solvents⁵; 2.) Organic HAP containing cleaners may be used to clean cured resin from application equipment (this includes any equipment that directly contacts resin); <p>b.) HAP-containing material storage operation:</p> <ol style="list-style-type: none"> 1.) Containers that store HAP-containing materials must be kept closed or covered except during the addition or removal of materials; 2.) Bulk HAP-containing materials storage tanks may be vented as necessary for safety. 	EU01	40 CFR 63.5805(c)
		EU02	40 CFR 63.5805(c)

IV. Monitoring and Testing Requirements

The Owner or Operator is subject to the monitoring and testing requirements as contained in Table 3 below:

Table 3 - Monitoring and Testing Requirements

Item #	Parameter	Method of Compliance	Frequency	Applicable Emission Unit	Regulatory Citation
1.	To Be Determined	When conditions warrant, the Division may require the Owner or Operator to conduct stack testing in accordance with USEPA or other Division approved methods.	Upon request by DES	Facility Wide	RSA 125-C:6 XI
2.	HAP Emissions	If any of the following occurs, the facility must determine compliance with the emission limits specified in Table 2-6: a.) The resin or gel coat changes; b.) The organic HAP content increases; or c.) There is a change in the application method	As Specified	EU01	40 CFR 63.5895(d)

⁵ Styrene may be used as a cleaner in closed systems pursuant to 40 CFR 63 subpart WWWW, Table 4.

Table 3 - Monitoring and Testing Requirements

Item #	Parameter	Method of Compliance	Frequency	Applicable Emission Unit	Regulatory Citation
3.	HAP Emissions	<p><u>Organic HAP Emission Calculations</u></p> <p>One of the following must be used to demonstrate compliance with the emission limitations specified in Table 2-6 a):</p> <p>a.) For an individual resin or gel coat, as applied, calculate the actual organic HAP emissions factor for each different process stream⁶ within each operation type. The calculated emission factor must be less than or equal to the limitation specified in Table 2-6 a).</p> <p>1.) Manual resin application - non-vapor suppressed resin:</p> $EF = ((0.286 \times \%HAP) - 0.0529) \times 2000$ <p>2.) Non-atomized mechanical resin application - non-vapor suppressed resin:</p> $EF = ((0.157 \times \%HAP) - 0.0165) \times 2000$ <p>3.) Filament application - non-vapor suppressed resin:</p> $EF = ((0.2746 \times \%HAP) - 0.0298) \times 2000$ <p>Where:</p> <p>% HAP = % HAP in resin</p> <p>If any of the process streams that include that resin or gel coat are to be used in any averaging calculations described below, then all process streams using that individual resin or gel coat must be included in the averaging calculation.</p>	Before initial startup, and whenever there is a process change	EU01	40 CFR 63.5810(a)

⁶ A process stream is defined as each individual combination of resin or gel coat, application technique and control technique. Process streams are considered different from each other if any of the following four characteristics vary: the neat resin plus or neat gel coat plus organic HAP content; the gel coat type; the application technique; or the control technique.

Table 3 - Monitoring and Testing Requirements

Item #	Parameter	Method of Compliance	Frequency	Applicable Emission Unit	Regulatory Citation
3. (cont)	HAP Emissions	<p>b.) Calculate the average organic HAP emissions factor for each combination of operation types⁷ and resin application methods or gel coat types. The weighted average emission factor is calculated based on the amounts of each individual resin or gel coat used for the last 12 months as follows:</p> $AEF = \frac{\sum_{i=1}^n (Actual \ Process \ Stream \ EF_i \times Material_i)}{\sum_{i=1}^n Material_i}$ <p>Where:</p> <p>Actual Process Stream EF_i = actual organic HAP emissions factor for process stream i as calculated in a) above, lb/ton;</p> <p>Material_i = neat resin plus⁸ or gel coat plus used during the last 12 calendar months for process stream i, tons;</p> <p>n = number of process streams where the organic HAP emissions factor is calculated;</p> <p>Each organic HAP emissions factor calculated above for each combination of operation types or gel coat types must be less than or equal to the corresponding organic HAP emissions limit in Table 2-6 a).</p>	Monthly	EU01	40 CFR 63.5810(b)

⁷ The Facility may, but is not required to, include process streams where you have demonstrated compliance as described in a) above, and should not include process streams for which you will demonstrate compliance using the procedures in d) below. [§63.5810(b)(1)(ii)]

⁸ Neat resin plus is defined as neat resin plus any organic HAP containing materials that are added to the resin by the supplier or the facility. This does not include any added filler, reinforcements, catalysts, or promoters. Neat resin plus does not include any additions of styrene or methyl methacrylate monomer in any form, including catalysts and promoters.

Table 3 - Monitoring and Testing Requirements

Item #	Parameter	Method of Compliance	Frequency	Applicable Emission Unit	Regulatory Citation
3. (cont)	HAP Emissions	<p>c.) Weighted Average Emission Limit</p> <p>1.) Calculate the weighted-average organic HAP emissions limit for the past 12 month period as follows:</p> $WAEEL = \frac{\sum_{i=1}^n (EL_i \times Material_i)}{\sum_{i=1}^n Material_i}$ <p>Where:</p> <p>WAEEL = Weighted Average Emission Limit for operation type i, lb/ton;</p> <p>EL_i = organic HAP emissions limit for operation type i, lb/ton from Table 2-6 a);</p> <p>Material_i = neat resin plus or neat gel coat plus used during the last 12-month period for operation type i, tons;</p> <p>n = number of operations;</p> <p>2.) Calculate the weighted average organic HAP emissions factor as follows:</p> $AWAEF = \frac{\sum_{i=1}^n (Actual\ Operation\ EF_i \times Material_i)}{\sum_{i=1}^n Material_i}$ <p>Where:</p> <p>AWAEF = Actual Weighted Average Organic HAP Emissions Factor for operation type i, lb/ton;</p> <p>Actual Operation EF_i = Actual organic HAP emissions factor for operation type i, lb/ton;</p> <p>Material_i = neat resin plus or neat gel coat plus used during the last 12 calendar months for operation type i, tons;</p> <p>n = number of operations;</p> <p>Each 12-month rolling average organic HAP emissions factor calculated in c.2) above must be less than or equal to the corresponding 12-month rolling average organic HAP emissions limit calculated in c.1) above.</p> <p>d.) If the same resin is used in all application methods (for any combination of manual resin application, mechanical resin application, filament application) the facility may meet the organic HAP emissions limit specified in Table 2-6 b) for ANY ONE of these application methods and use the same resin in all of the resin application methods listed here.</p>	Monthly	EU01	40 CFR 63.5810(c)
			Before initial startup, and whenever there is a process change	EU01	40 CFR 63.5810(d)

V. Recordkeeping Requirements

The Owner or Operator shall be subject to the recordkeeping requirements identified in Table 4 below:

Table 4 - Recordkeeping Requirements				
Item #	Recordkeeping Requirement	Records Retention/Frequency	Applicable Unit	Regulatory Citation
1.	<u><i>Record Retention and Availability</i></u> The Owner or Operator shall keep the records required by this permit on file. These records shall be available for review by the Division upon request.	Retain for a minimum of 5 years	Facility Wide	Env-A 902 & 40 CFR 63.5920(b)
2.	<u><i>Regulated Toxic Air Pollutants</i></u> Documentation for the demonstration of compliance shall be retained at the Facility, and shall be made available to the Division for inspection upon request.	Maintain Current Data	Facility Wide	Env-A 1405.01
3.	<u><i>Additional Recordkeeping Requirements - Facility-wide Emission Limitations</i></u> Maintain a 12-month running total of Facility-wide emissions of VOCs, which shall include emissions from non-permitted devices, for the purpose of demonstrating compliance with Condition 3 of Table 2 of this permit.	Monthly	Facility Wide	Env-A 906 and Env-A 604.02(a)(3)
4.	<u><i>General Recordkeeping Requirements for Process Operations</i></u> The Owner or Operator shall maintain records of material use or production identifying the total quantities of all materials used or produced in each process that are necessary to calculate emissions, to verify applicability, and compliance with all emission limitations.	Monthly	EU01 & EU02	Env-A 903.02
5.	<u><i>Recordkeeping for the Reinforced Plastics Composites Process</i></u> a.) The facility must collect and keep the following records: 1.) Records of calculations which demonstrate compliance with the emissions limitations specified in Table 2-6; 2.) Records of resin and gel coat use; 3.) Organic HAP content; 4.) Operation of where the resin is used; and 5.) A certified statement that the facility is in compliance with the work practice requirements in Table 2-7; b.) The facility is <u>not</u> required to keep records for resins and gel coats that are demonstrated, as applied, to meet their applicable emissions as defined in Table 2-6a) and not using the compliance methods specified in Table 3-3b), or c). However, the following records must be kept: 1.) Resin and gel coat organic HAP content; and 2.) Operation of where the resin or gel coat is used	Continuously	EU01 & EU02	40 CFR 63.5895(c) & (d), 63.5915

Table 4 - Recordkeeping Requirements

Item #	Recordkeeping Requirement	Records Retention/Frequency	Applicable Unit	Regulatory Citation
5. (cont)	c.) If the facility changes the compliance option emission limitations specified in Table 2-6 b) (using the method specified in Table 3-3 d), to using a the method specified in Table 3-3 a), b), or c), the facility must immediately begin to collect and keep all the records listed in a) above.	Continuously	EU01 & EU02	40 CFR 63.5895(c) & (d), 63.5915

VI. Reporting Requirements

The Owner or Operator shall be subject to the reporting requirements identified in Table 5 below. Except for information that meets the criteria of Env-A 103, *Claims of Confidentiality*, all data submitted to the Division, including emission data and applicable emission limitations, shall be available to the public.

Table 5 - Reporting Requirements

Item #	Reporting Requirements	Frequency	Applicable Emission Unit	Regulatory Citation
1.	<u>Annual Emissions Report</u> The Owner or Operator shall submit an annual emissions report which shall include the following information: a.) Actual calendar year emissions from each device for VOCs (speciated by individual VOC), HAPs (speciated by individual HAP), and RTAPs (speciated by individual RTAP); b.) The methods used in calculating such emissions in accordance with Env-A 705.02, <i>Determination of Actual Emissions for Use in Calculating Emission-Based Fees</i> ; and c.) The information recorded in accordance with Table 4-4.	Annually (no later than April 15 th of the following year)	EU01 & EU02	Env-A 907.01
2.	<u>Notifications</u> The Owner or Operator shall submit the following notifications to DES and US EPA Region I: a.) Initial Notification – A notification of the actual date of startup of the source, delivered or postmarked within 15 calendar days after that date;	As Specified	EU01 & EU02	40 CFR 63.5905 40 CFR 63.9(b)(4)(v)

Table 5 - Reporting Requirements

Item #	Reporting Requirements	Frequency	Applicable Emission Unit	Regulatory Citation
2. (cont)	<p>b.) The Notification of Compliance Status signed by the responsible official who shall certify its accuracy attesting to whether the source has complied with the requirements of this permit. The notification shall list:</p> <ol style="list-style-type: none"> 1.) The methods that were used to determine compliance; 2.) The results of monitoring procedures or methods that were conducted; 3.) The methods that will be used for determining continuing compliance, including a description of monitoring and reporting requirements and test methods; 4.) The type and quantity of HAP emitted by the source, reported in units and averaging times and in accordance with the requirements in Table 2 and Table 3; 5.) An analysis demonstrating whether the process is a major source using the emissions data generated in 4) above; 6.) A statement by the Owner or Operator whether the source has complied with the requirements in Table 2; and <p>c.) The notification must be sent before the close of business on the 60th day following the completion of the compliance demonstration specified in Table 3-3.</p> <p>d.) If there is any change to the information submitted in any notification, the Owner or Operator must submit the changes in writing within 15 calendar days after the change.</p>	As Specified	EU01 & EU02	40 CFR 63.9(h)
		As Specified	EU01 & EU02	40 CFR 63.5905(b)

Table 5 - Reporting Requirements

Item #	Reporting Requirements	Frequency	Applicable Emission Unit	Regulatory Citation
3.	<p><u><i>Semiannual Compliance Report</i></u></p> <p>The semiannual compliance report shall be submitted to DES and US EPA Region I and contain the following information:</p> <ol style="list-style-type: none"> Company name and address; Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report; Date of report and beginning and ending dates of the reporting period;⁹ If there were no deviations from the organic HAP emissions limitations specified in Table 2-6, and no deviations from the requirements for work practice standards in Table 2-7 a certified statement by the responsible official that there were no deviations from the organic HAP emissions limitations or work practice standards during the reporting period; For each deviation from the organic HAP emissions limitation specified in Table 2-6 and the work practice standards specified in Table 2-7, include the following information: <ol style="list-style-type: none"> The total operating time for each affected source during the reporting period; and Information on the number, duration and cause of deviations (including unknown cause, if applicable), and the corrective action taken; Identification of the compliance option or options that were used during the reporting period; and The calculation results for each rolling 12-month period during the compliance reporting period. 	Every 6 months (no later than the 30 th day of the following month of each calendar half)	EU01 & EU02	40 CFR 63.5910

⁹ The period is the 6-month period ending on June 30 or December 31.

Table 5 - Reporting Requirements

Item #	Reporting Requirements	Frequency	Applicable Emission Unit	Regulatory Citation
4.	<p><u>General Reporting Requirements for Sources Subject to Env-A 609</u></p> <p>The Owner or Operator shall:</p> <p>a.) Submit an annual compliance certification to the Division and to EPA that includes the following information for each and every requirement and condition of the effective permit:</p> <ol style="list-style-type: none"> 1.) The particular permit condition or item number that references each requirement, and a brief summary of the requirement; 2.) The compliance status with respect to the requirement and whether during the year compliance with the requirement was continuous, intermittent, not achieved, or not applicable; 3.) The method(s) used to determine compliance, such as monitoring, record keeping, or test methods; 4.) The frequency, either continuous or intermittent, of the method(s) used to determine compliance; 5.) If compliance was not continuous, a description of each permit deviation; and 6.) Any additional information required in order for the department to determine the compliance status of the source. <p>b.) Submit a permit deviation and monitoring report that includes a summary of permit deviation pursuant to Env-A 911.05(a) that occurred during the period being reported and a summary of any monitoring required by the permit.</p>	<p>Annually (no later than April 15th of the following year)</p> <p>Semi-annually by January 31 and July 31¹⁰</p>	EU01	Env-A 907.04
5.	<p><u>Permit Deviation Reporting Requirements</u></p> <p>The Owner or Operator shall report permit deviations in accordance with Condition VII.</p>	Within 24 hours of discovery of deviation	EU01 & EU02	Env-A 911.04(b)
6.	<p><u>Emission Based Fees</u></p> <p>The Owner or Operator shall pay emission-based fees in accordance with Condition IX.</p>	Annually (no later than April 15 th of the following year)	EU01 & EU02	Env-A 700

VII. Permit Deviation Reporting Requirements

A. Env-A 101, *Definitions*:

1. A *permit deviation* is any occurrence that results in an excursion from any emission limitation, operating condition, or work practice standard as specified in either a Title V permit, state permit to operate, temporary permit or general state permit issued by the Division.

¹⁰ To cover the periods of July 1 through December 31 and January 1 through June 30 respectively.

2. An *excess emission* is an air emission rate that exceeds any applicable emission limitation.
- B. Env-A 911.04(b)(1), *Reporting Requirements*: In the event of a permit deviation that causes excess emissions, notify the Division of the permit deviation and excess emissions by telephone (603-271-1370), fax (603-271-7053) or e-mail (pdeviations@des.nh.gov), within 24 hours of discovery of the permit deviation, unless it is a Saturday, Sunday, or state or federal legal holiday, in which event, the Division shall be notified on the next day which is not a Saturday, Sunday, or state or federal legal holiday.

VIII. Permit Amendments

- A. Env-A 612.01, *Administrative Permit Amendments*:
 1. An administrative permit amendment includes the following:
 - a. Corrects typographical errors;
 - b. Requires more frequent monitoring or reporting; or
 - c. Allows for a change in ownership or operational control of a source provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new permittee has been submitted to the Division.
 2. The Owner or Operator may implement the changes addressed in the request for an administrative amendment immediately upon submittal of the request.
- B. Env-A 612.03, *Minor Permit Amendments: Temporary Permits and State Permits to Operate*:
 1. The Owner or Operator shall submit to the department a request for a minor permit amendment for any proposed change to any of the conditions contained in this permit which will not result in an increase in the amount of a specific air pollutant currently emitted by the devices listed in Condition II and will not result in the emission of any air pollutant not emitted by the source of device.
 2. The request for a minor permit amendment shall be in the form of a letter to the Division and shall include the following:
 - a. A description of the proposed change; and
 - b. A description of any new applicable requirements that will apply if the change occurs.
 3. The Owner or Operator may implement the proposed change immediately upon filling a request for the minor permit amendment.
- C. Env-A 612.04, *Significant Permit Amendments: Temporary Permits and State Permits to Operate*:
 1. The Owner or Operator shall submit a written request for a permit amendment to the Division at least 90 days prior to the implementation of any proposed change to the physical structure or operation of the devices covered by this permit which increases the amount of a specific air pollutant currently emitted by such device or which results in the emission of any regulated air pollutant currently not emitted by such device.

2. A request for a significant permit amendment shall include the following:
 - a. A complete application form, as described in Env-A 1703 through Env-A 1708, as applicable;
 - b. A description of:
 - i. The proposed change;
 - ii. The emissions resulting from the change; and
 - iii. Any new applicable requirements that will apply if the change occurs; and
 - c. Where air pollution dispersion modeling is required for a device pursuant to Env-A 606.02, the information required pursuant to Env-A 606.03.
3. The Owner or Operator shall not implement the proposed change until the department issues the amended permit.

IX. Emission-Based Fee Requirements

- A. Env-A 705.01, *Emission-based Fees*: The Owner or Operator shall pay to the Division each year an emission-based fee for emissions from the devices listed in Condition II.
- B. Env-A 705.02, *Determination of Actual Emissions for use in Calculating of Emission-based Fees*: The Owner or Operator shall determine the total actual annual emissions from the devices listed in Condition II for each calendar year in accordance with the methods specified in Env-A 616, *Determination of Actual Emissions*. If the emissions are determined to be less than one ton, the emission-based fee shall be calculated using an emission-based multiplier of one ton.
- C. Env-A 705.03, *Calculation of Emission-based Fees*: The Owner or Operator shall calculate the annual emission-based fee for each calendar year in accordance with the procedures specified in Env-A 705.03 and the following equation:

$$FEE = E * DPT$$

Where:

FEE = The annual emission-based fee for each calendar year as specified in Env-A 705;
E = Total actual emissions as determined pursuant to Condition IX.B; and
DPT = The dollar per ton fee the Division has specified in Env-A 705.03(e)¹¹.

- D. Env-A 705.04, *Payment of Emission-based Fee*: The Owner or Operator shall submit, to the Division, payment of the emission-based fee by April 15th for emissions during the previous calendar year. For example, the fees for calendar year 2009 shall be submitted on or before April 15, 2010.

¹¹ For additional information on emission-based fees, visit the DES website at <http://des.nh.gov/organization/divisions/air/pehb/apps/fees.htm>.